

Converting Colors

XYZ(14.9806, 17.4959, 22.5663)

Have a look what the booklet for
XYZ(14.9806, 17.4959, 22.5663)
contains.

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Color

**XYZ(14.9825, 17.4312,
22.6536)**

Conversions

Conversions Part 1

Format	Color
Hex	5B797F
RGB	91, 121, 127
RGB Percent	36%, 47%, 50%
CMY	0.6431, 0.5255, 0.5020
CMYK	0.28, 0.05, 0.00, 0.50
HSL	190°, 17%, 43%
HSV	190°, 28%, 50%
XYZ	14.9825, 17.4312, 22.6536
YIQ	112.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

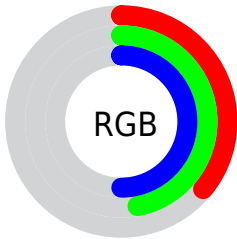
Format	Color
R _Y B	91, 107, 127
Decimal	5994879
CIE Lab	48.80, -9.21, -6.79
CIE LCh	49, 11.440, 216.395
Yxy	17.4312, 0.2721, 0.3165
Android (android.graphics.Color)	4284184959 (0xFF5B797F)
YUV	112.7140, 7.0430, -19.0432
Hunter-Lab	41.7507, -9.0078, -2.9448

Details

The XYZ color **14.9825, 17.4312, 22.6536** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.9156, 13.8168, 11.7786**, and the grayscale version is **15.5958, 16.4080, 17.8683**.

A 20% lighter version of the original color is **34.3371, 38.9332, 48.8851**, and **4.6888, 5.6984, 8.0605** is the 20% darker color. If you saturate the color by 10%, you get **13.5808, 16.3314, 22.5155**, and if you desaturate by 10%, it is **16.6028, 18.6529, 22.8043**.

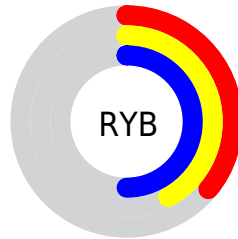
Distribution



Red (36%)

Green (47%)

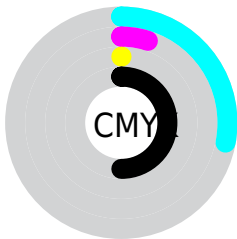
Blue (50%)



Red (36%)

Yellow (42%)

Blue (50%)

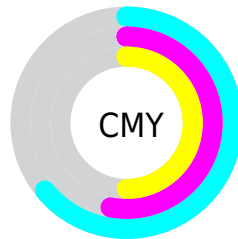


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (50%)



Cyan (64%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9825, 17.4312, 22.6536 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.9825, 17.4312, 22.6536 by changing the saturation by 10% instead.

■ 14.9825, 17.4312,
22.6536

■ 14.9825, 17.4312,
22.6536

216.6507,
237.6451, 279.0048

■ 8.8933, 10.5424,
14.1350

■ 34.3944, 39.0657,
48.7399

■ 4.7282, 5.7600,
8.0748

■ 48.4478, 54.5802,
67.1447

■ 2.1218, 2.6997,
4.0544

■ 65.8867, 73.7387,
89.6820

■ 0.7010, 0.9771,
1.6552

■ 87.0765, 96.9256,
116.7703

■ 0.0000, 0.0000,
0.3298

112.3824,
124.5253, 148.8282

■ 0.0000, 0.0000,
0.0000

142.1698,

156.9222, 186.2742

176.8042,
194.5007, 229.5269

■ 14.9825, 17.4312,
22.6536

■ 14.9825, 17.4312,
22.6536

■ 13.5808, 16.3314,
22.5155

■ 16.6028, 18.6529,
22.8043

■ 12.3854, 15.3459,
22.3883

■ 18.4502, 19.9997,
22.9669

■ 11.3852, 14.4693,
22.2718

■ 20.5343, 21.4770,
23.1422

■ 10.5674, 13.6949,
22.1654

■ 22.8641, 23.0894,
23.3306

■ 9.9177, 13.0153,
22.0685

■ 25.4478, 24.8414,
23.5326

■ 9.4195, 12.4219,
21.9802

■ 28.2935, 26.7370,
23.7485

■ 9.0307, 11.8931,
21.8986

■ 31.4086, 28.7803,
23.9787

■ 8.9683, 11.8073,
21.8854

■ 34.8005, 30.9749,
24.2236

■ 38.4762, 33.3246,
24.4834

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.6259, 17.4312, 19.6364



14.9825, 17.4312, 22.6536



15.7659, 17.4312, 24.8393

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.9825, 17.4312, 22.6536



18.5042, 17.4312, 21.4114



16.3421, 17.4312, 13.7550

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.9825, 17.4312, 22.6536



14.9156, 13.8168, 11.7786

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.3965, 17.4312, 14.1226



14.9825, 17.4312, 22.6536



18.6745, 17.4312, 18.3376

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.9825, 17.4312, 22.6536



17.8054, 17.4312, 24.0704



18.2612, 17.4312, 15.7260



15.3890, 17.4312, 14.6625

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.9825, 17.4312, 22.6536



16.4401, 17.4312, 25.4136



18.2612, 17.4312, 15.7260



16.6962, 17.4312, 13.7350

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.9830, 17.4319, 22.6540



32.7356, 35.5957, 41.1016



14.0339, 18.2551, 13.9474



7.5628, 8.2607, 9.6142



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.9830, 17.4319, 22.6540



25.1643, 29.9182, 40.4048



13.0556, 13.5771, 22.0115



4.3874, 4.7688, 5.5025



9.0438, 11.9062, 22.0714



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.9451, 13.3750, 19.8312



27.2157, 21.5143, 34.3307



16.7036, 17.3928, 12.3746



4.4684, 4.4005, 5.2709



11.4419, 5.5964, 14.1826



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9825, 17.4312, 22.6536 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 14.9825, 17.4312, 22.6536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

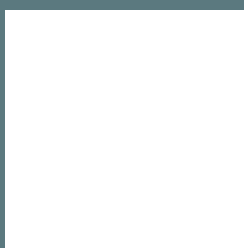
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9825, 17.4312, 22.6536

Background



This preview shows how black text looks on a background with the XYZ color 14.9825, 17.4312, 22.6536.



This preview shows how white text looks on a background with the XYZ color 14.9825, 17.4312,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.9825, 17.4312, 22.6536

Protanopia

16.7761, 17.3364, 21.2009

Deuteranopia

17.7527, 17.4602, 23.2034



Tritanopia

15.2803, 17.5618, 23.7035

Trichromacy



Original Color

14.9825, 17.4312, 22.6536

Protanomaly

15.9432, 17.2420, 21.5565

Deuteranomaly

16.5721, 17.3643, 22.9003

Tritanomaly

15.2135, 17.5350, 23.3516

Monochromacy



Original Color

14.9825, 17.4312, 22.6536

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3411, 16.8020, 19.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9825, 17.4312, 22.6536 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(91, 121, 127) looks like.

```
.text, #text, p{  
    color:rgb(91, 121, 127)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(91, 121, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 121, 127) }
```

Border

The CSS property to change the border of an element to XYZ 14.9825, 17.4312, 22.6536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 121, 127) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(91, 121, 127) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(91, 121, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 121, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 121, 127);  
box-shadow:4px 4px 4px 4px rgb(91, 121,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9825, 17.4312, 22.6536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 121, 127) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(91, 121,  
127) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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